

BetterMIT Innovation Week features speakers, makeathon

Participants develop ideas for improving student life

By Matthew Baldwin

Last week, students took part in workshops and listened to talks as part of the BetterMIT Innovation Week. These undergraduate-run events included talks from public figures such as NASA's Acting Chief Technologist Douglas Terrier. Following the Innovation Week was a community makeathon in which teams competed for a \$100 prize given for an idea that would impact student life at MIT.

"A friend of mine and I went to TEDx in Cambridge and we came

back to our first [BetterMIT] committee meeting, drafting what kind of ideas we can come up with to make MIT better," Kaila Pfrang '21, a member of the Undergraduate Association's Innovation Committee, said in an interview with *The Tech*. "What if we brought something like a TEDx to campus?"

One event the BetterMIT team planned, called the World Speaker Series, featured Terrier; Linda Foster, head of innovation at Lockheed Martin; Rebecca Hui, founder of Roots Studio; and Reinaldo Normand, from the Martin Trust Center

for MIT Entrepreneurship.

During his speech, Terrier talked about NASA's new endeavors. "All of our exploration is driven by technology," he said before playing a short video with phrases including "We will return to the moon" and "Working together, we go farther." Focusing his speech once again on innovation, Terrier said that NASA's continuing success relies on "maintaining our innovation edge." Terrier also commented on the fact that four of the twelve people to step on

Innovation, Page 2



MAHI SHAFIULLAH—THE TECH

The ring committee revealed the Class of 2020 Brass Rat at the ring premiere last Friday, Feb. 16 in Kresge Auditorium.

Panelists discuss ethics of big data

Emerson prof.: marginalized perspectives should be prioritized

By Mark Goldman

STAFF REPORTER

Three contributors to the MIT Museum exhibit *Big Bang Data* convened to discuss to discuss big data justice at the museum Tuesday. The panel discussed their views on the biggest issues facing society with regards to big data and how best to move forward.

The panel included Jose Luis de Vicente of Sonar+D, visiting curator of *Big Bang Data*, Joy Buolamwini G of the Media Lab and founder of the Algorithmic Justice League, and Catherine D'Ignazio, assistant professor at Emerson

College and research associate at the Center for Civic Media.

de Vicente said the impetus for the exhibit was the transition from data being created by large institutions to being driven by social activity.

When asked about their view on the biggest issue in big data justice, D'Ignazio emphasized the need to prioritize the perspectives of those most marginalized throughout the decision-making process. She mentioned reading a paper regarding a participatory smart city, where the only stakeholders at

Museum, Page 3

Class of 2020 Brass Rat design revealed in annual premiere

Hacker's Map includes floor plan of Senior House

By Christina Warren

The Class of 2020 Ring Committee held the premiere event for the class's Brass Rat last Friday.

The event was attended by most of the sophomore class, with the line for admittance wrapping around Kresge Auditorium. After a joke bezel presentation (featuring a "This is fine" dog meme) the Ring Committee presented its design over a constant buzz of excitement.

The main bezel shows the iconic beaver mascot holding out a globe, on which the continents are arranged into the supercontinent of Pangaea. According to the designers, this is to represent the diversity here at MIT, but also our unity. The beaver, who

also happens to be wearing a '20 ring of its own (also depicting a beaver wearing a '20 ring...), is flanked by the familiar skylines of Cambridge and Boston, with the solar eclipse of last summer rising above the Longfellow Bridge. Various Easter eggs paying homage to hacking, punting, and tooling culture at MIT, ranging from an IHFTP banner to the Green Building tetris game, are generously scattered throughout the bezel.

Traditionally, the Seal Shank, the panel of the ring which showing the Ring Committee's rendering of MIT's seal, depicts two men representing a craftsman and a scholar. The Ring Committee this year follows the decisions of several past Ring Committees by featuring a woman as

the craftsman: Riri Williams '20, the Marvel superhero who reverse engineered an Ironman costume in her dorm room at Simmons and became Ironheart.

On the inside of the ring is the traditional Hacker's Map, depicting MIT's underground tunnel system. This year's map includes the floor plan of Senior Haus, memorializing the dorm. The map also features a paintbrush in place of the tunnel where the Borderline Mural Project now adorns the walls, commemorating community and artistic expression.

The ring delivery is scheduled for Friday, April 20, at the Boston Public Library, a location featured on the ring's depiction of the Boston skyline.



ROBERT KRAWITZ—THE TECH

Taylor V'Dovec '19 goes for the net in the game against Coast Guard Women's Basketball team Feb. 17. MIT beat Coast Guard 58–38 in the game.

Theta Tau freshmen grabbed *Tech* stacks

Newspapers, flyers used to make confetti for internal fraternity event

By Patrick Wahl and Jessica Shi

EDITORS

Four freshmen members of Theta Tau were found to have taken some of the stacks of *The Tech* that went missing Dec. 8, according to an emailed statement from Karleigh Moore G, chairman of *The Tech*. These papers were used to make confetti for a fraternity event.

The Tech reported that approximately 3,050 copies of its papers went missing within a day after they were distributed.

Moore informed the MIT Police of the incident Dec. 8.

"The police cross-checked a list

of distribution locations of *The Tech* and places that had security cameras," Moore wrote. Moore was told that police found footage of two students taking stacks of papers from Maseeh and two others taking stacks near Building 66.

"Papers were taken from more than just these locations," Moore added.

The police were able to identify the individuals and informed Moore that all four were freshmen on athletic teams.

After receiving the results of the police investigation, Moore filed

Theta Tau, Page 2

IN SHORT

Feb. 23 is the minor completion date.

The PyeongChang 2018 Olympic Winter Games Closing Ceremony will be held at 6 a.m. EST Sunday.

Add date for full-term subjects is March 9.

Deadline to submit events for CPW is March 1.

The deadline for freshmen to accept early sophomore standing is March 9.

The Tech is looking for news and sports writers. Please write to join@tech.mit.edu to get started.

Send news and tips to news@tech.mit.edu.

CREATING COMMUNITY

Read one student's perspective on founding a sorority. **CAMPUS LIFE, p. 5**

LAB OF THE WEEK

The Masic Group hopes to translate the merits of ancient structural materials to those of today. **SCIENCE, p. 9**



SCORING SLICES

The first installment of our pizza column features Posto in Davis Square. **ARTS, p. 7**

LIVE, LAUGH, LOVE

Auntie Matter dispenses advice to those lost in life and love. **CAMPUS LIFE, p. 5**

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WEATHER

Taste of spring fades away

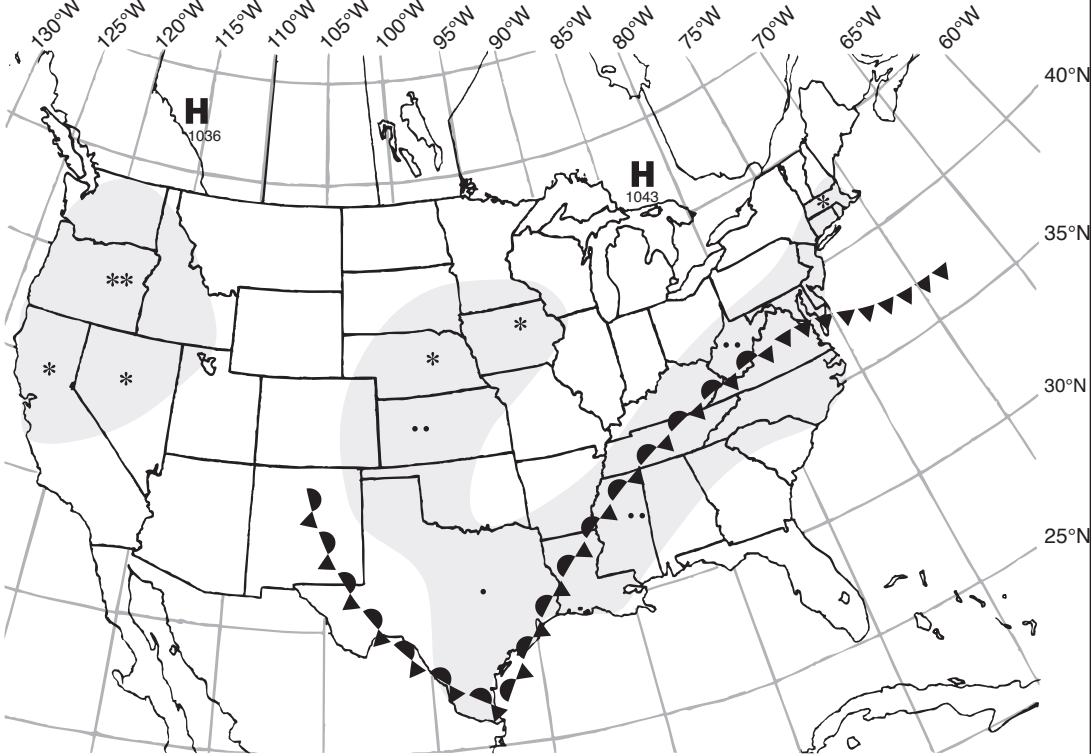
By Kyle Morgenstein and Jordan Benjamin

Boston enjoyed a treat over the past several days as extremely anomalous high temperatures in the 70s overspread the Northeast. Many towns across the Northeast set record highs on Wednesday as temperatures soared in many areas into the mid and upper 70s during the afternoon. Boston reached 70 °F (21 wv°C) on Tuesday and 72 °F (22 °C) on Wednesday, the 3rd and 2nd warmest February days on record. These are the first 2 70+ °F days in the same February on record (the only other 70+ °F February days on record were in 2017 and 1985). The average temperatures for Boston on Feb. 22 are a high of 40 °F and a low of 26 °F, highlighting how truly anomalous the recent warmth was. Today features starkly different weather. As a cold front pushes

across the eastern United States, a weak low pressure system is sliding rapidly through southern New England bringing light rain and snow showers to the Boston area. Meanwhile, the high pressure, located off the southeast US coast, that facilitated the recent warmth will persist and prevent any significant cold outbreaks during the next several days. Temperatures will return to average to slightly above average over the next few days, with highs in the 40s and 50s °F and lows in the mid to upper 30s. Analyzing the winter as a whole, before the recent warmth the quick-hitting snowstorm last Saturday night brought 5.6 inches (14.2 cm) of snow to Boston, keeping the city on pace for an average to slightly above average snow season. Boston has received 34.8 inches of snow so far this winter (normal is 31 inches). Last year at this time, Boston had received 36.3 inches of snow.

Extended Forecast

Today: Chance of rain midday, with snow/sleet likely in the afternoon, but with little to no accumulation. High around 40 °F (4 °C). Winds N at 5–10 mph.
Tonight: Snow/sleet will continue into the evening, still with little to no accumulation. Low of 30 °F (-1 °C). Winds NE at 5–10 mph.
Tomorrow: Rain continuing into the afternoon. High of 40 °F (4 °C). Low of 36 °F (2 °C) Winds NE at 5–10 mph.
Saturday: Chance of rain late in the evening. High around 51 °F (11 °C). Low around 36 °F (2 °C).
Sunday: Rain likely. High of 42 °F (6 °C).



Situation for Noon Eastern Time, Thursday, February 22, 2018

Weather Systems	Weather Fronts	Precipitation Symbols		Other Symbols
		Snow	Rain	
H High Pressure	--- Trough	*	•	☁ Fog
L Low Pressure	⬆ Warm Front	▽	▽	⚡ Thunderstorm
§ Hurricane	⬆ Cold Front	*	•	∞ Haze
	⬆ Stationary Front	*	•	
		Moderate **	••	
		Heavy ***	•••	

Compiled by MIT Meteorology Staff and *The Tech*

Campus map application takes first prize

Innovation, from Page 1

the moon were MIT graduates. “You guys are kind of a pipeline of innovation,” he said. “By all means, challenge ideas, change processes, challenge tradition.” The weekend makeathon kicked off Saturday at noon, drawing in students willing to take on the challenge of changing student life at MIT. Mentors from MIT organizations were present to help students achieve this goal. Students worked, aided by free

food, through to the evening before retreating to rest for the following day. With snow on Saturday night, students were reluctant to arrive for the 8 a.m. start, but by Sunday afternoon students began to arrive once again to continue their projects. Giancarlo Delfin’20, Joaquin Giraldo ’20, and Jackie Lin ’20 worked during the makeathon to produce a map application to help other students find their way around campus and look up nearby events.

“Students will be able to find other students working on psets and be able to set up a time and place to work together,” Delfin said. “We’ll be able to avoid having tourists stopping us for directions every five minutes.” This team went on to win the \$100 makeathon first place prize. After Innovation Week, *The Tech* spoke to UA officers Malte Ahrens ’19, Michael Amoako ’19, and William Wu ’19. The group talked about their enjoyment in making the project come together.

Ahrens commented on the difficulties of running the makeathon for the first time. “When something exists it’s easy to keep it in motion ... there’s so many unknowns and so many things that are dependent on your own conception,” he said. Ahrens also pointed out the difficulty in gauging student interest and attendance in the first year. But despite the challenges the team faced, they seemed optimistic for future years. “We had a lot of factors against us,” Amoako said. “Our

ultimate goal is to have this be a recurring annual [event] that hopefully can one day reach capacity [similar to] HackMIT” Wu explained that BetterMIT’s overall goal is to inspire students to come together not just over psets but also to make life better for one another. He said, “People ask, what do you think is MIT’s secret sauce, is it the funding, is it the professors, is it the research? But for me, I would say it’s the student community.”

A few freshmen got ‘too eager,’ Theta Tau pres. says

Theta Tau, from Page 1

a complaint with the Committee on Discipline (COD) Jan. 18. Last Thursday, Moore wrote, she learned from Executive Officer of the COD Tessa McLain that the suspects were all members of Theta Tau. Andy Rodriguez ’19, Theta Tau’s current regent, explained what had happened in a phone interview with *The Tech*. Per Theta Tau’s tradition, about a week before their “big bro, little bro” event, where new pledges find out who their “big brothers” are, all members were asked in a fraternity-wide message “to grab copies of newspapers, flyers, anything they can find,” Rodriguez said. “As people are walking about campus or in the city, if they see some free papers, if they see a big stack of flyers, or whatever it may be, they may grab a couple copies

and bring it back to the house,” Rodriguez explained. However, a few freshmen who saw the gradually accumulating stacks of papers and flyers in the Theta Tau house got “perhaps a little too overzealous, a little too eager about the event” and grabbed “numerous” copies of *The Tech*, Rodriguez said. A few people in Theta Tau voiced concern that unprecedented quantities were collected, according to Rodriguez. However, nobody realized “that anyone was being hurt by the actions of our fraternity” at the time, as otherwise, “something would have been done,” Rodriguez continued. One of the freshmen under COD investigation corroborated most of Rodriguez’s account in an interview with *The Tech*. “People all over, whether it was freshmen or sophomores, whoever

felt inclined to contribute, went and got some newspaper,” he explained. “I took about a stack [of *The Tech*] from the Infinite, and from there I brought it to the house.” Although the four members under COD investigation happen to be freshmen, the incident did not involve any hazing, he emphasized. “There was no pressuring of any freshmen to get newspapers. Some freshmen in the pledge class didn’t get any newspapers; there was no consequence. ... There was no pressure at all.” McLain noted to Moore that only the individuals, and not Theta Tau as an organization, would be held responsible, because the organization did not encourage its members “to take large quantities of *The Tech* explicitly,” Moore wrote. McLain declined to comment to *The Tech* on the case. Members of The Tech arrived at

the estimation of 3,050 papers by going around campus to distribution points and summing “the numbers of papers that were delivered to each location that [were] suddenly completely empty,” Moore wrote. The missing papers constituted about half of *The Tech*’s distribution, Moore said in a follow-up interview. According to an email from Christopher Wang ’19, business manager of *The Tech*, the Dec. 7 issue cost \$1,000 to print and \$237 to deliver. “When I talked to our risk manager last semester, he had expressed a concern that 3,000 [missing papers] seemed to have been a little absurd,” Rodriguez said, adding that he did not mean that *The Tech*’s estimates were necessarily incorrect. Moore said there is a possibility another group coincidentally also took large quantities of *The Tech* Dec. 7-8, although she finds that unlikely.

The Tech published two notices about the missing newspapers in the week after their disappearance, one in the form of a letter from the Executive Board and the other in the form of a box on the front page. As for why Theta Tau chose not to alert *The Tech* of their involvement earlier, Rodriguez said he did not see the notices, while the freshman mentioned that *The Tech*’s reference to a police investigation discouraged them from reaching out. “Throughout the house, we didn’t think it was that big of a deal until we saw the [COD] email, and then we were like, all right. Now we recognize that it’s a huge deal. I mean, I wouldn’t say huge, I would say it’s a — we definitely want to apologize. At the same time, it’s just not going to happen again,” the freshman said. Nafisa Syed contributed reporting.

DID YOUR MIT ESSAYS GET YOU IN?

The Tech is collecting successful application essays (hint: yours!). Email your pieces to cl@tech.mit.edu!

Facial recognition tech has racial bias

Museum, from Page 1

meetings were researchers, developers, and construction firms.

Buolamwini also noted a lack of representation, describing an issue in facial recognition with “supremely white data put into predominantly male analysis.”

In discussing ways to educate people, Buolamwini described a ProPublica investigation which raised public awareness of racial bias in machine learning algorithms and said that the Algorithmic Justice League she founded lowers the barrier for more people to make similar discoveries.

D’Ignazio said that emphasizing data literacy in education and having journalists describe their methodology when presenting data can help the population better determine whether an analysis is trustworthy. When convincing people that data usage is important, she recommended telling stories of data misuse.

de Vicente argued that the need for political pressure to regulate usage of big data is more critical than increasing awareness, an example being the lack of transparency when Volkswagen used code to fake emissions tests.

D’Ignazio responded that to get


public will for political change, engagement is necessary.

When asked about tools for teachers, D’Ignazio described the importance of informing students of issues while not disempowering them. She listed a few resources: the AdNauseum browser add-on, which deliberately clicks on all advertisements to obfuscate browsing data, the LightBeam browser add-on, which visualizes third party tracking of internet usage, the databasic.io site, which lowers the bar to use data and has lesson plans for educators, and data aggregator Acxiom, where users can view the collected information on themselves.

de Vicente said that the tech industry is in a “moment of soul searching.” The industry thought its innovations were for the general good, but the good world envisioned did not materialize, he explained.

While none of the panelists described a line between ethical and unethical uses of data, Buolamwini said that she would definitely classify lethal autonomous weapons with the ability of facial recognition as unethical.


The *Big Bang Data* exhibit is available until the end of March. MIT ID holders receive free admission to the museum.




STARR FORUM

IS DEMOCRACY DYING?


MON, FEB 26 / 6:30 PM - 8:00 PM
MIT Stata Bldg / Kirsch Aud / 32-123




Melissa Nobles
(Moderator)
Kenan Sahin Dean
MIT School of Humanities,
Arts, & Social Sciences
Professor of Political Science




Daron Acemoglu
Elizabeth and James Killian
Professor of Economics, MIT
Co-author, *Why Nations Fail*



Maria Ramirez
Harvard Nieman Fellow
Spain Reporter, Univision
Co-founder, Politibot



Yascha Mounk
Lecturer, Harvard
His book,
The People Versus Democracy
will be sold at the event

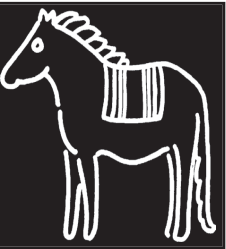


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Commentary on MIT's new course, MIT and Slavery

No one, we hope, would advocate slavery today, but those who look at people's actions in the somewhat distant past through the lens of majority, though not universally accepted, moral precepts of

Four centuries, three Larrys, and one woman

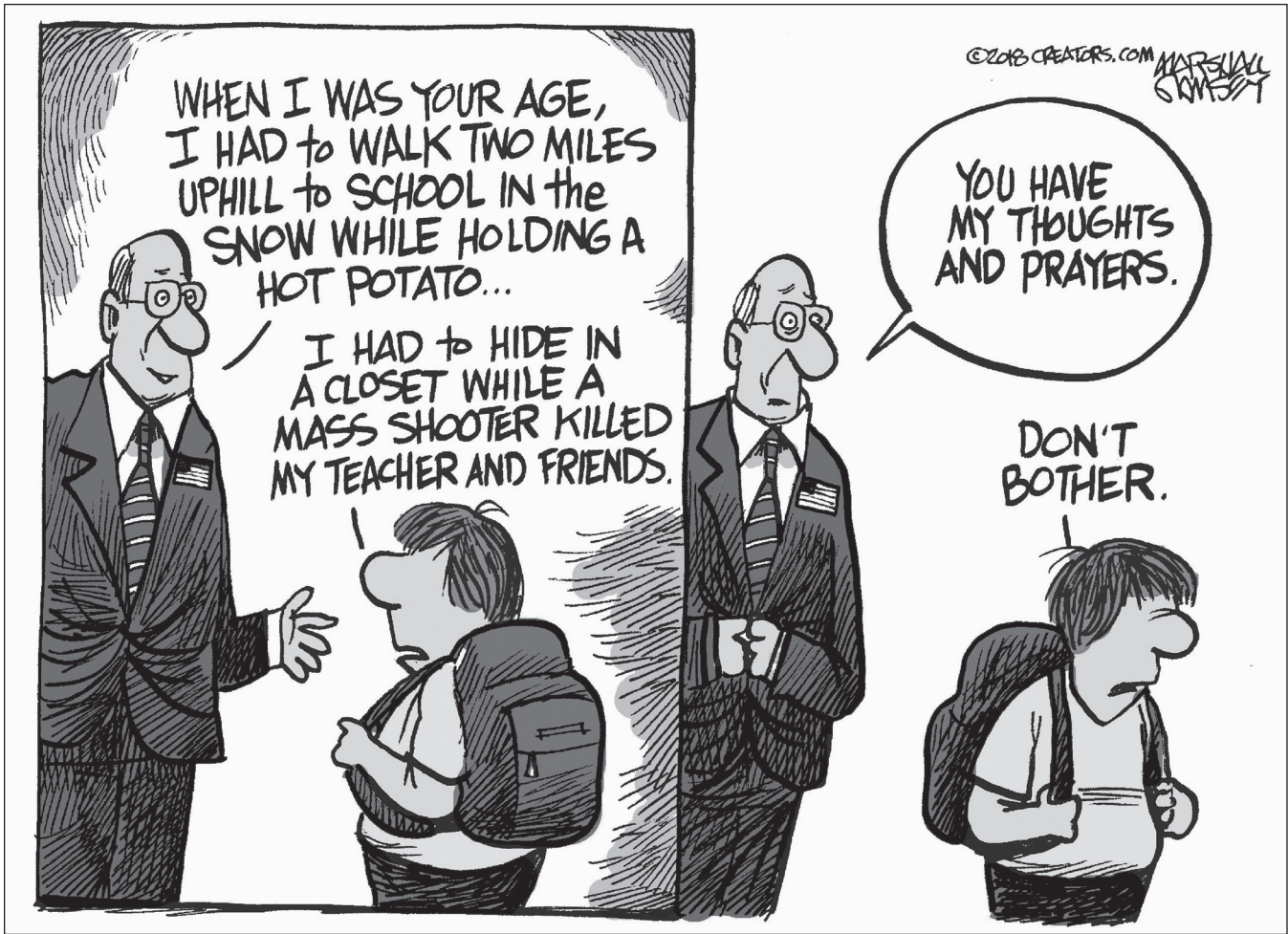
Emily Nussbaum once joked that late-night television features more dudes named Jimmy than women. Last week, Harvard achieved a similar milestone. In tapping Lawrence S. Bacow for its top post, Harvard's list of presidents now includes three men named Lawrence and one woman (outgoing president Drew Faust). For that matter, women are also outnumbered by Samuels (four), Johns (three), Charleses (two), and Jameses (two). Women are tied one-to-one with men named

Oceans of blood and centuries of misery were needed to progress from the practices we no longer deem legitimate to those of

President Bacow's former home at MIT — the Department of Urban Studies and Planning — has a remarkably similar roster. The list of DUSP department heads includes two Larrys and one woman, Amy Glasmeier. Of course, there is no doubt that Larrys Vale, Susskind, and Bacow served MIT with dignity and competence. (Regrettably, the same is not necessarily true of Larrys Lowell and Summers. As president of Harvard, the former Larry proposed a cap on Jewish admissions. In the same role, the latter Larry once explained women's underrepresentation in the upper echelons of academia with the line "in the special case of science and engineering, there are issues of intrinsic

—*Bill Charles '68*

*Department of Urban Studies and
Planning*



CORRECTIONS

An article in last week's issue about MIT's relation to slavery featured an inaccurate statement about MIT founder William Barton Rogers's ownership of slaves. The evidence for Rogers's slave ownership was in 1850, not 1860. Of his six slaves, there

was only one child, a 10-year-old boy, not multiple children. Furthermore, the “negro serving man,” Levi, who sparked the research into Roger’s slave ownership history, according to Nora Murphy, “Was not present at Rogers’ memorial service, but one of the speakers (Jedidiah Hotchkiss) mentioned him twice during his remarks.”

OPINION POLICY

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

Guest columns are opinion articles submitted by members of the MIT or local community.

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Lelio

Screenplay by Sebastián
Lelio and Gonzalo Maza

Rated R

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A long summer fling

★★★★☆

Call Me by Your Name

Directed By Luca
Guadagnino

Written By James Ivory

Starring Timothée
Chalamet and Armie
Hammer

Rated R

the sea of brass and strings for an audience's enjoyment. The applause goes on for eons afterwards; I clap a few times before my hands get tired, and then I just sit and indulge in the sounds of the sea of applause. It's almost as pleasant as the music.

LAB OF THE WEEK

Characterizing ancient materials for the modern day

Linda Seymour of the Masic Group investigates the longevity of ancient Roman concrete

**The Masic Group:
Laboratory for Multiscale
Characterization and
Materials Design**

Room 1-347

**Course 1: Civil and
Environmental Engineering**

By Nafisa Syed
SCIENCE EDITOR

Ancient buildings are useful for learning how past civilizations lived, as well as the aesthetic values and architecture of their respective time periods. Surprisingly, we can also glean technological information from these grand structures — in particular, we can examine the materials with which they were built to learn how and why they remain standing today.

Part of the Masic Group’s work focuses on analyzing these structural materials, hoping to draw inspiration from ancient materials as well as biological ones to inform the production of new materials. Linda Seymour, a graduate student in Masic Group, is particularly interested in Roman concrete and mortars. “There’s no denying that Roman concrete, Roman structures, have been standing for 2,000 years. I can’t exactly mimic that in a lab in six months. So we’re taking these known examples and trying to figure out — but why? How has it been standing for 2,000 years when our concrete structures fail after 50 to 100 years?”

The many workbenches in the Masic Group contain a variety of specimens, from Roman mortar to terracotta tile. At one corner of the lab sits a Raman microscope that can analyze structural connections between atoms, and at the other end, tools that can distinguish between types of mor-

tar at an archeological dig site.

For Seymour, these tools are invaluable for learning from ancient materials: “What we’re trying to do with these machines is to chemically characterize ancient structural materials, such as Roman mortar, that we have clear proof that they’ve lasted for millennia.” She hopes to reverse-engineer the chemical aspects of Roman materials to find out what makes them so durable. Her first project in Masic Group involved examining *cocciopesto*, a material made from crushed pottery. The ancient Romans used *cocciopesto* in structures exposed to water to help them last longer.

Seymour attempted to determine the chemical interaction occurring in *cocciopesto* by adding the material to Ordinary Portland Cement (OPC), which is the cement conventionally used in structures today. Using the Raman microscope, she found that the OPC interacted with the *cocciopesto* to create calcium silica hydrate (CSH), a primary structural component of modern cement. “The *cocciopesto* was not only acting as an aggregate, but it was also acting as a reactive material within the concrete, which is really exciting. It was really cool to see that this ancient material or ancient-inspired material was working in unison with our modern material. That was the first glimmer of hope that we would be able to do this.”

More recently, Seymour has been intrigued by a phenomenon that occurs in Roman concrete but not in Ordinary Portland Cement. She notes that the binding phases we observe in the ancient Roman concrete are “gel, amorphous phases — they’re not really crystalline ... Even after 2,000 years, we have these gel-like phases present, they haven’t all crystallized over time.”

Seymour hopes to get to the bottom of the crystallization mystery by looking holistically at the concrete samples to understand their chemical composition and how these chemicals interact with each other. She is limited, however, by the samples’ time scale. “The problem with trying to un-



COURTESY OF THE MASIC GROUP

Masic Group graduate student Linda Seymour (center) instructs students in 1.057 as they prepare cement samples.

derstand this is that all of our Roman samples are over 2,000 years old. We don’t have a 500-year-old sample to compare it with, or even a 1,000-year-old sample to compare it with. We don’t necessarily have too many snapshots in time, unless they’re just a couple centuries apart.”

Seymour continues to work toward a better understanding of these ancient materials by reconstructing them. As part of the Course 1 mini-UROP program, Seymour supervised two undergraduate students as they mixed Roman concrete and Ordinary Portland Cement to compare their properties. The cement blocks are in the shape of small cylinders, with the Roman concrete crumbling at the touch in comparison to its rigid OPC counterpart.

The differences between these two concrete blocks explains why we don’t use Roman concrete today. “Ordinary Portland Cement chemically sets much faster than Roman concrete does. Roman cement takes on the order of months to set, whereas

Ordinary Portland Cement reaches 98 percent of its strength in 28 days, much quicker.” OPC is also much stronger than Roman cement, but according to Seymour, Roman cement’s longevity may be more valuable. “Do we really need to be able to hold all of this stuff, if we’re just building a road? Is that necessary to have such high strength?”

In addition to investigating antiqua-inspired and bioinspired materials, the Masic Group provides learning opportunities to undergraduates by sponsoring a trip to Italy for research fieldwork. “We’re all about teaching others that we can look at these materials differently than we’ve traditionally thought. A lot of times we’re looking at old materials to try and figure out, ‘What were they thinking? What were they doing?’ for that historical perspective, which is really important, and has informed a lot of really interesting research, but we’re trying to take it to that next level and say, ‘What were they doing and how can we make it better?’”

Do you have a question for President Reif?

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Solution, page 12

12+		12x			5
	2x		60x		2-
	14+			12x	
30x		60x	1		5+
	4		12x		
8x				5÷	

Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

Solution, page 12

4		5		9	1		8	
							9	
2			7	8	3			1
		2					6	
5		1				3		8
	4					5		
3			8	7	4			6
	1							
	2		1	3		9		5

Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.





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SPORTS BLITZ

Women's Swimming and Diving (5-5, 3-0 NEWMAC) fell to Amherst College on senior day, but the Engineers sent an all-time record of 15 student athletes to the NEWMAC Academic All-Conference team. The honorees were Jessica Chen '18, Mary Thielking '18, Addie Chambers '19, Kim Feng '19, Morgan Matrang '19, Dolly Payne '19, Clare Wieland '19, Delaney Burns '20, Kayla Holman '20, Alexandrine Obrand '20, Lilia Stasz '20, Nanette Wu '20, Priscilla Wu '20, Emily Zhang '20, and Blake Zhou '20.

Men's Basketball (20-5, 10-4 NEWMAC) is back in the winning groove, thanks in large part to AJ Jurko '19, who

earned well-deserved NEWMAC Offensive Player of the Week honors. The last time he accomplished that feat was a couple of weeks ago. The Engineers will face a familiar foe when they collide in a semifinal matchup against the No. 2, Babson.

Men's Fencing (15-9, 8-2 NEWMAC) displayed grit at the Beanpot, despite some losses to Harvard and Brandeis early on. The Engineers fought back with a close win against BC. The event was highlighted by the performances of Sheel Patel '20 (6-1 record, epee) and Tzer Wong '18 (6-3 record, sabre). Patel and Wong joined teammates Nyle Sykes '21 and Joshua Talbot '21 on the Northeast Fencing Conference

(NFC) all-star team. Wong became the third Engineer in history to be named a sabre all-star four times, thanks to his 25-3 performance in the NFC.

Men's Tennis (1-1) started the season by splitting a double-header against Boston University and Merrimack College at home. Their matchup against BU was hard-fought. They performed well on doubles but were outperformed on singles, resulting to a 4-3 overall loss. The Engineers, however, dominated Merrimack. In the only doubles matchup, Merrimack won but the opposition had no answer to the Engineers' singles players, as Sean Ko '19, Albert Go '20, and Pablo Ampudia '21 cruised to wins to sweep the singles and

earn the 3-1 overall win.

Men's Track and Field placed second at the New England Division III Indoor Championship. Twenty-one All-New England performers were involved in the victorious performance as the Engineers were short of just Tufts University.

Men's Volleyball (9-2, 2-2 NEWMAC) has had an adventurous time lately. After edging out St. John Fisher College in a nailbiter 3-2, they were nudged around by Stevens Institute of Technology as they fell in straight sets. However, the Engineers recovered immediately to sweep New York University. The dominant rebound performance marked the first time the Engineers have defeated NYU since 2014.

Solution to Alphabet

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UCLA	STEP	IN	TEL
PHAT	ARCADE	AVE	
DAYTOMORROW	PEC		
RISER	DUEL	AIN	T
ATONES	SIX	ONE	
FEUD	HOSE	DECOR	
TAT	DARKEST	DAWN	
	ALGERIA		
BURN	READING	KGB	
ENACT	NSEC	BORE	
SAMOSA	EARNED		
TWAS	GLOP	DETER	
BAD	PEARL	SSWINE	
ERA	ANNLEE	EKES	
TEN	STAYAT	DIRT	

Solution to Spring

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2	6	1	4	3	5
3	1	2	5	4	6
1	5	6	3	2	4
5	3	4	1	6	2
6	4	5	2	1	3
4	2	3	6	5	1

Solution to Not

from page 10

4	7	5	2	9	1	6	8	3
1	3	8	4	6	5	7	9	2
2	9	6	7	8	3	4	5	1
9	8	2	3	5	7	1	6	4
5	6	1	9	4	2	3	7	8
7	4	3	6	1	8	5	2	9
3	5	9	8	7	4	2	1	6
6	1	4	5	2	9	8	3	7
8	2	7	1	3	6	9	4	5



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